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## UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

PTO/SB/05 (05-03) Approved for use through 04/30/2003. OMB 0654-0032							
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE							
spond to a collection of informa	tion unless it displays a valid OMB co	introl rumber.					
Attorney Docket No.	2002-0460.02	88. 03					
First Inventor	Ricky E. Robbins	60. /27					
1100	For Detecting A Shorted Prin	111					
A Printe	r Having At Least Two Print	neaus					
Express Mail Label No.	EU318633307US						

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Commissioner for Patents  ADDRESS TO: Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450							
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 15] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Reader Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies							
- Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 2 ]  5. Oath or Declaration [Total Sheets 2 ] a. X Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76	9. X Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney English Translation Document (if applicable) Information Disclosure X Copies of IDS Statement (IDS)/PTO-1499 Citations Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other:							
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1. 76:  Continuation  Divisional  Continuation-in-part (CIP)  of prior application No.:  Prior application information:  Examiner  Art Unit:  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								
X Customer Number or Bar Code Label  (Insert Customer No. or Attach bar code label here)  OR Correspondence a								
Name								
Address City	State Zip Code							
	elephone Fax							
	Registration No. (Attorney/Agent)   30,208							
Name (Print/Type) John Pezdek Signature	Date 27 JUN 03							

This collection of information is required by 37 CFR 45(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

PTO/SB/17 (05-03)

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FEE TRANSMITTAL		C molete if Known						
		Appli	cation	Numb	er			
for FY 2003		Filing Date						
		First Named Inventor		ntor Rick	Ricky E. Robbins			
Effective 01/01/2003. Patent fees are subject to annual revision.		Examiner Name						
Applicant claims small entity status. See 37 CFR 1.27		Art Unit				<del></del>		
TOTAL AMOUNT OF PAYMENT (\$) 874.00		Attorney Docket No.		lo. 2002	2002-0460.02			
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)						
Check Credit card Money Other None	3. ADDITIONAL FEES							
Order Order		Large Entity Small Entity						
X Deposit Account:  Deposit		Fee e (\$)	Fee Code	Fee (\$)	Fe	e Description	Fee Paid	
Account 12-1213		130	2051	65	Surcharge - I	ate filing fee or oath	Teerald	
Deposit Account	1052	50	2052	25	Surcharge - I	ate provisional filing fee or		
Name ·	1053	130	1053	130	Non-English	specification		
The Commissioner is authorized to: (check all that apply)  X Charge fee(s) indicated below Credit any overpayments		2,520	1812			quest for ex parte reexamination		
X Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting p	publication of SIR prior to		
Charge fee(s) indicated below, except for the filling fee		1,840*	1805	1.840*		tion publication of SIR after		
to the above-identified deposit account.					Examiner ac	tion		
FEE CALCULATION		110	2251	55		r reply within first month	1 11	
1. BASIC FILING FEE	1252 1253		2252			r reply within second month r reply within third month		
Large Entity Small Entity  Fee Fee Fee Fee Fee Description Fee Paid		1,450	2253			r reply within fourth month		
Code (\$) Code (\$)		1,970	2255			r reply within fifth month		
1001 750 2001 375 Utility filing fee 750.00	1401		2401		Notice of Ap			
1003 520 2003 260 Plant filing fee	1402		2402	-	•	support of an appeal		
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to in:	stitute a public use proceeding		
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to re	vive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,300	2453	650	Petition to re	vive - unintentional		
Fee from		1,300	2501	650		fee (or reissue)		
Total Claims 20 -20** = 0 X = 0	1502 1503		2502 2503	235 315	Design issue f			
Independent 4 - 3** = 1 x 84 = 84	1460		1460	130		the Commissioner	<u> </u>	
Multiple Dependent	1807		1807	50		fee under 37 CFR 1.17(q)		
Large Entity   Small Entity	1806	180	1806			of Information Disclosure Stmt		
Fee Fee Fee Fee Fee Description Code (\$)	8021	40	8021	40		ach patent assignment per	40.00	
1202 18 2202 9 Claims in excess of 20		750	2809	375		es number of properties) nission after final rejection	40.00	
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.1			
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		ditional invention to be 7 CFR 1.129(b))	i	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	.750	2801	375	•	Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900	Request for	expedited examination		
and over original patent		r fee (en	ecify)		of a design	application	├ <b>──</b> ┤ <b>│</b>	
SUBTOTAL (2) (\$) 84.00		er fee (specify)						
of number previously paid, if greater, not Reissdes, see above								
SUBMITTED BY	Т	Registra	tion No	100	200	(Complete (if applicable)		
Name (Print/Type) John V. Pezdek		(Attorney		<u> </u>	,208	Telephone 859-232-78	39	

WARNING: Informati n on this form may bec me public. Credit card informati n sh ute n t be included n this f rm. Pr vide credit card information and auth rization n PTO-2038.

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